

## Nu-Metrics Traffic Analyzer Study

### Computer Generated Summary Report

City: South side of the median

Street: Cedar Ave. #2 Blue

A study of vehicle traffic was conducted with HI-STAR unit number 716. The study was done in the East Bound lane on Cedar Ave. using counter #2 Blue as shown on attached drawing. The counter was placed on the south side of the median towards Cedar Ave. The study began on 01/21/2004 at 12:00 PM and concluded on 01/23/2004 at 12:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 535 vehicles passed through the location with a peak volume of 175 on 01/23/2004 at 07:00 AM and a minimum volume of 0 on 01/21/2004 at 08:00 PM. The AADT Count for this study was 268.

#### SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

Chart  
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0	68	245	520	513	174	60	57	0
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#### HEADWAY

During the peak time period, on 01/23/2004 at 07:00 AM the average headway between the vehicles was 20.45 seconds. The slowest traffic period was on 01/21/2004 at 08:00 PM. During this slowest period, the average headway was 3600.0 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 21 and 54 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.